

Figure 1a

10 ↳

13 ↲

15 ↶

TINY_INT × TINY_INT	
TINY_INT	TINY_INT
0	0
0	1
0	2
1	0
1	1
1	2
2	0
2	1
2	2

Figure 1b

12 ↳

13 ↲

15 ↶

LESS_THAN_OR_EQUAL	
TINY_INT	TINY_INT
0	0
0	1
0	2
1	1
1	2
2	2

Figure 1c

14 51

16 18 20 22

EMPLOYEE			
ID	NAME	TITLE	SALARY
1	John Jones	Programmer	\$100,000
2	Mary Smith	President	\$120,000
3	Michael Brown	Programmer	\$80,000
4	Linda Green	Secretary	\$50,000

Figure 2a

24  $\Rightarrow$

16 26

MANAGED_BY	
WORKER	MANAGER
1	2
3	2
4	2

Figure 2b

28 52

16 18 20 22

ID	NAME	TITLE	SALARY
1	John Jones	Programmer	\$100,000
2	Mary Smith	President	\$120,000

Figure 2c

16 18 20 22

EMPLOYEE

ID	NAME	TITLE	SALARY
1	John Jones	Programmer	\$100,000
3	Michael Brown	Programmer	\$80,000

Figure 2d

32 ↗

NAME
John Jones
Mary Smith
Michael Brown
Linda Green

Figure 2e

34 ↗

ID	NAME	TITLE	SALARY
1	John Jones	Programmer	\$100,000
2	Mary Smith	President	\$120,000
3	Michael Brown	Programmer	\$80,000

Figure 2f

36 ↗

ID	NAME	TITLE	SALARY
1	John Jones	Programmer	\$100,000

Figure 2g

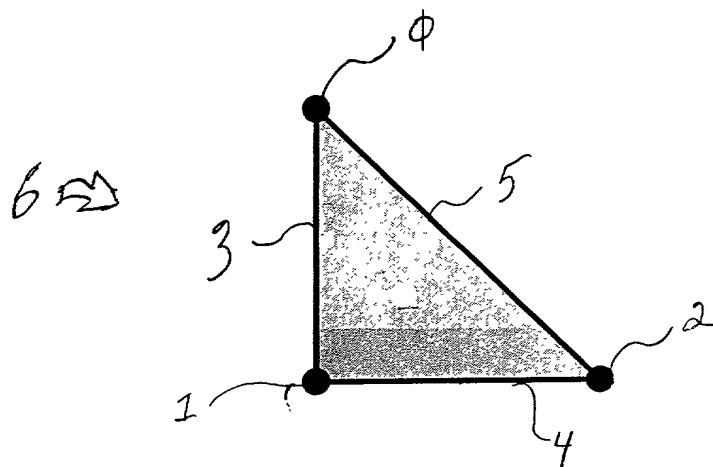


Figure 3

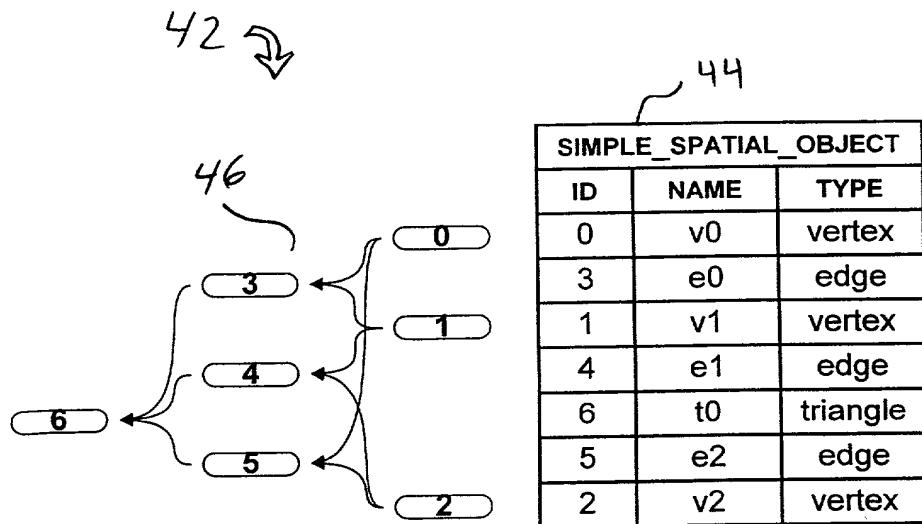


Figure 4a

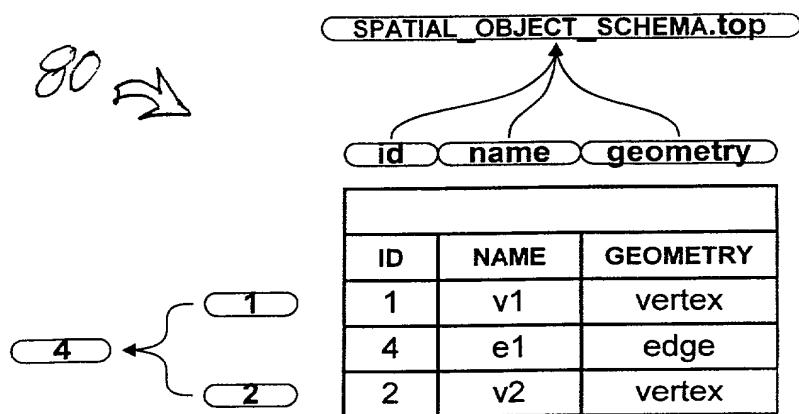


Figure 4b

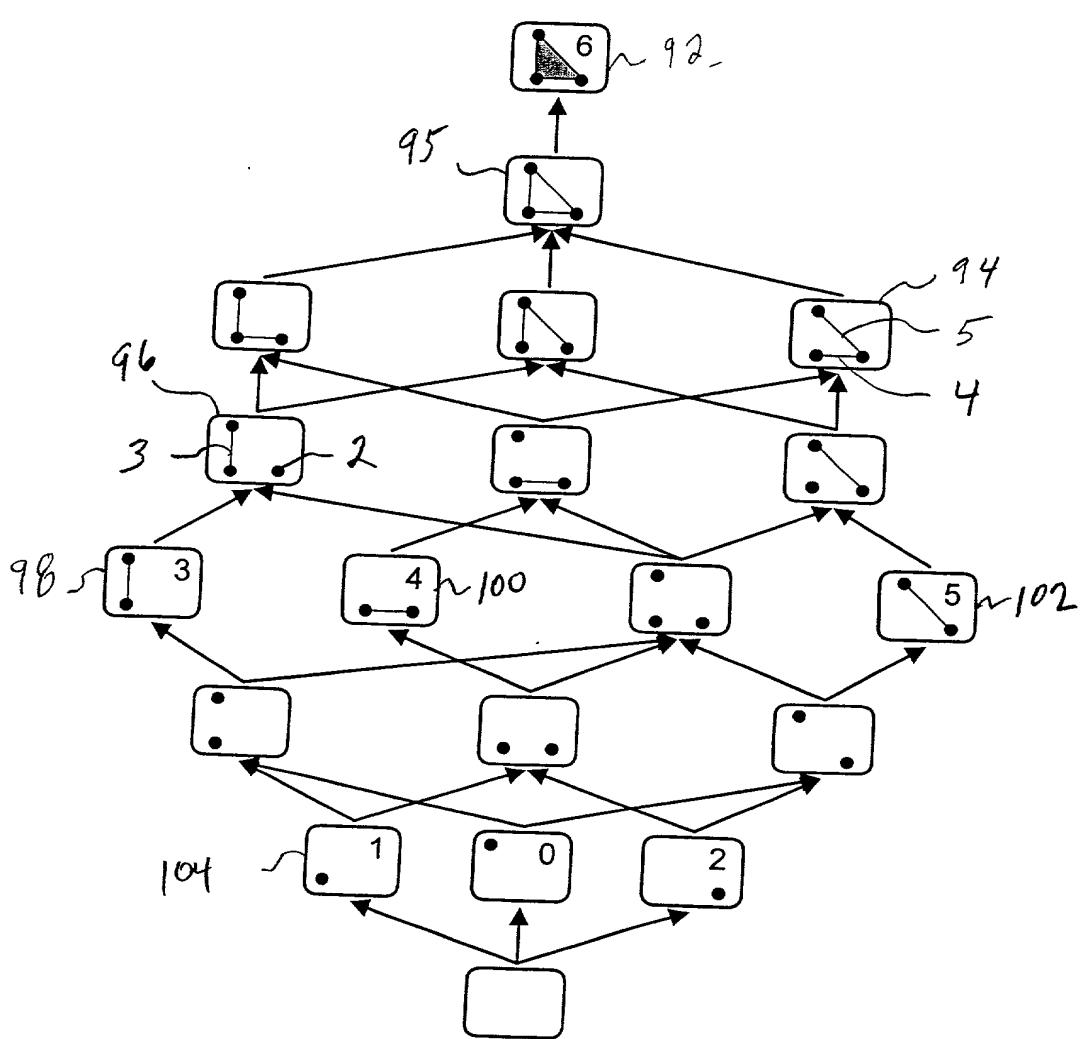


Figure 4c

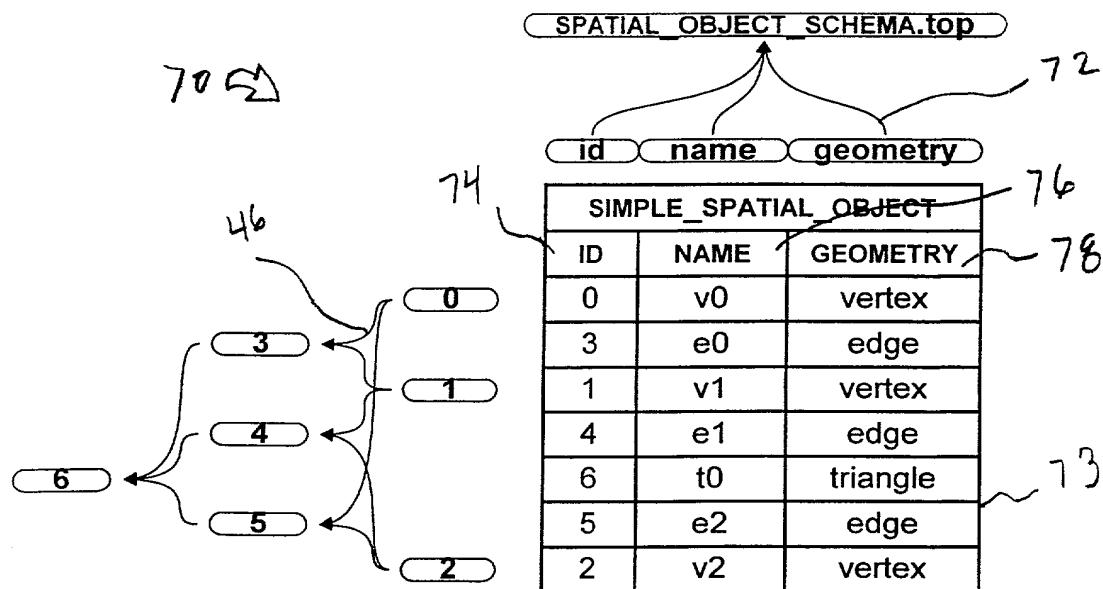


Figure 5

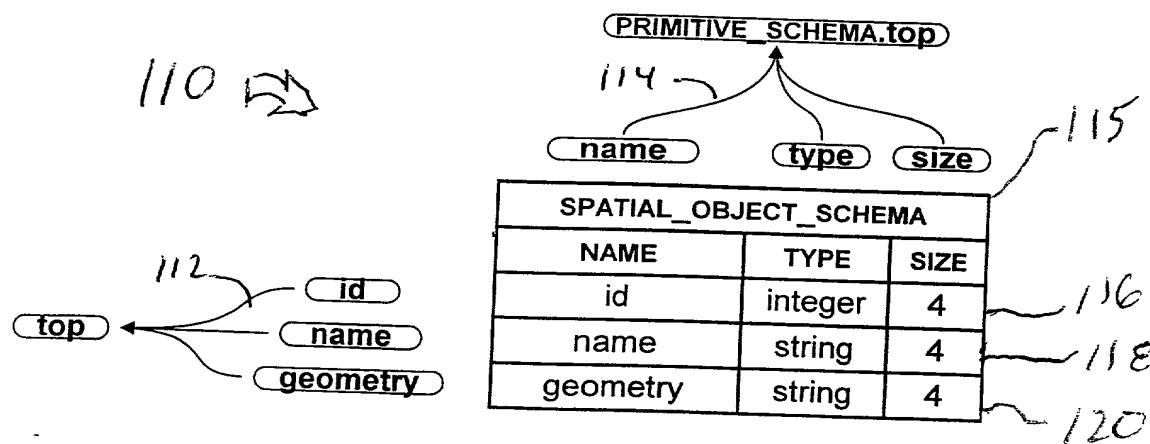


Figure 6

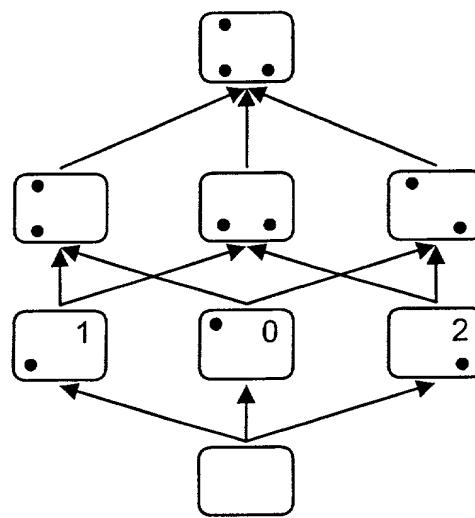


Figure 7

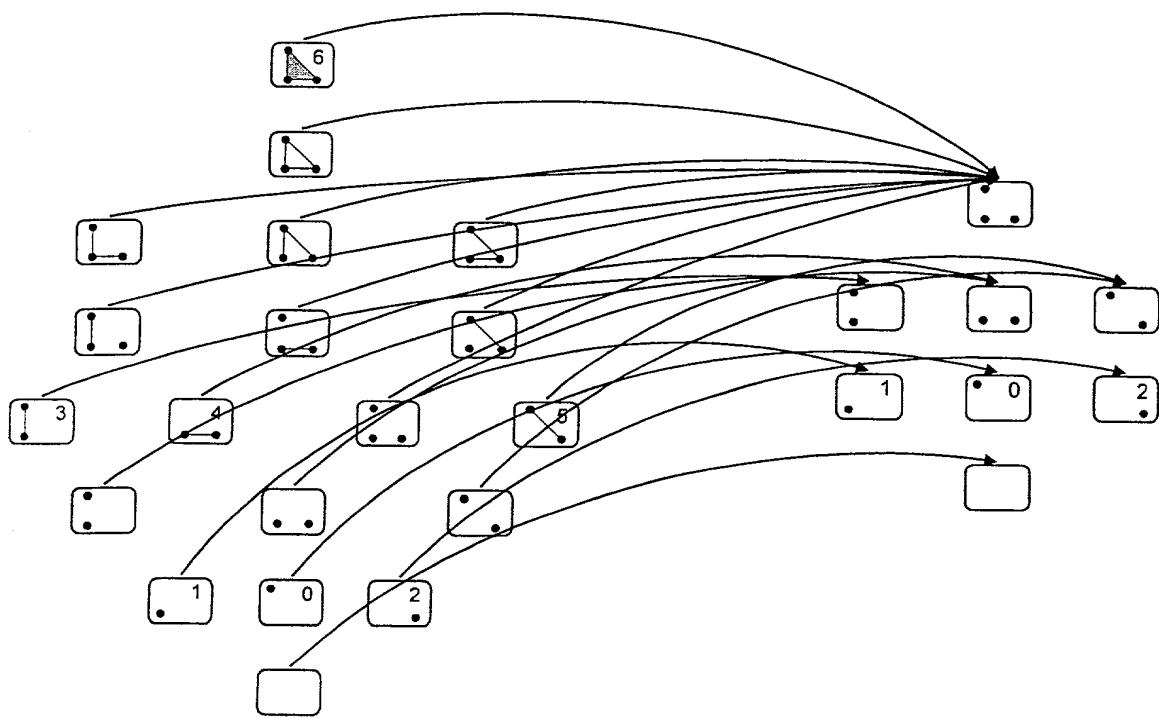


Figure 8

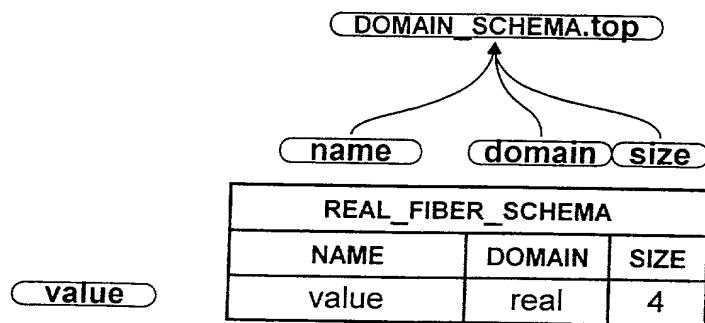


Figure 9

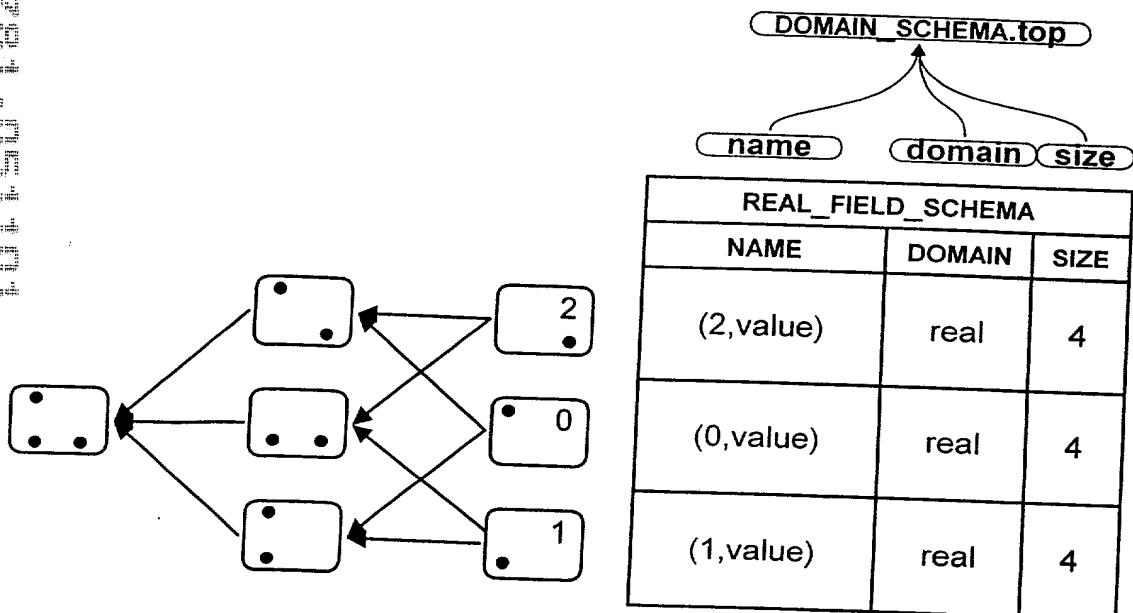


Figure 10

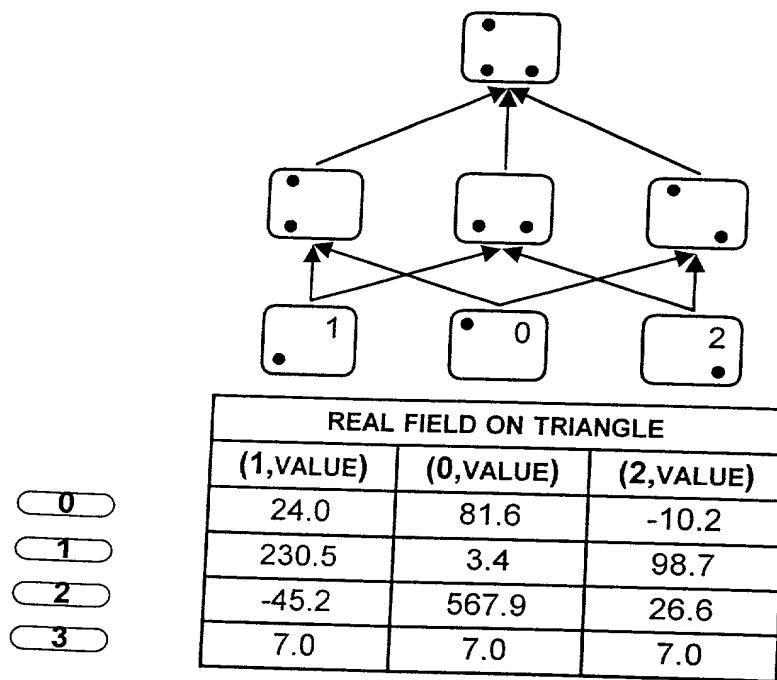


Figure 11